INDEX TO AUTHORS

Brackets indicate a senior author's professional history

A

ACKERMAN, G. ADOLPH. Histochemistry of the centrioles and centrosomes of the leucemic cells from human myeloblastic leucemia, [741] 717
ALDRIDGE, WILLIAM G. See WATSON and ALDRIDGE, 257
ARONSON, JOHN. Sarcomere size in developing muscles of a tarsonemid mite, [253] 147

B

BELLAIRS, RUTH. The structure of the yolk of the hen's egg as studied by electron microscopy. I. The yolk of the unincubated egg, 207
BENDITT, EARL P. See ROSS and BENDITT, 677
BIRD, ALAN F. The ultrastructure and histochemistry of a nematode-induced giant cell, [741] 701
BOATMAN, EDWIN S., and DOUGLAS, HOWARD C. Fine structure of the photosynthetic bacterium *Rhodomicrobium vannielii*, [507] 469
BOOTHROYD, B. See HANCOX and BOOTHROYD, 651
BRUSILOW, SAUL W. See MUNGER and BRUSILOW, 403
BUCHTHAL, F. See CARLSEN, KNAPPEIS, and BUCHTHAL, 95
BUCK, ROBERT C. Lamellae in the spindle of mitotic cells of Walker 256 carcinoma, [253] 227

C

CARLSEN, F., KNAPPEIS, G. G., and BUCHTHAL, F. Ultrastructure of the resting and contracted striated muscle fiber at different degrees of stretch, 95

D

DESHPANDE, P. D., HICKMAN, D. D., and VON KORFF, R. W. Morphology of isolated rabbit heart muscle mitochondria and the oxidation of extramitochondrial reduced diphosphopyridine nucleotide, [253] 77
DIRKSEN, E. ROTER. The presence of centrioles in artificially activated sea urchin eggs, [253] 244
DOUGLAS, HOWARD C. See BOATMAN and DOUGLAS, 469
DUDLEY, H. ROBERT, and SPIRO, DAVID. The fine structure of bone cells, [744] 627
DÜRWALD, H. See PERRY, ERRERA, HELL, and DÜRWALD, 1

E

EDSTRÖM, JAN-ERIK, GRAMPP, WOLFGANG, and SCHOR, NORBERTO. The intracellular distribution and heterogeneity of ribonucleic acid in starfish oocytes, 549
ERRERA, M. See PERRY, ERRERA, HELL, and DÜRWALD, 1

F

FELDMAN, JOSEPH D., VAZQUEZ, JACINTO J., and KURTZ, STANLEY M. Maturation of the rat fetal thyroid, 365
FINCK, H. See PEPE and FINCK, 521
—. See PEPE, FINCK, and HOLTZER, 533
FREI, J. V., and SHELDON, H. Corpus intra cristam: a dense body within mitochondria of cells in hyperplastic mouse epidermis, [741] 724
— and —. A small granular component of the cytoplasm of keratinizing epithelia, 719
FRIEDMAN, M. H. F. See SEDAR and FRIEDMAN, 349

G

GIBBONS, I. R. The relationship between the fine structure and direction of beat in gill cilia of a lamellibranch mollusc, 179
GRAMPP, WOLFGANG. See EDSTRÖM, GRAMPP, and SCHOR, 549
GRUNDFEST, HARRY. See WACHTEL, MATHEWSON, and GRUNDFEST, 663

H

HALE, ARTHUR J. Historadiographic identification of alkaline phosphatase, [507] 488
HANCOX, N. M., and BOOTHROYD, B. Motion picture and electron microscope studies on the embryonic avian osteoclast, [742] 651
HARRIS, PATRICIA. Electron microscope study of mitosis in sea urchin blastomeres, 419
HELL, A. See PERRY, ERRERA, HELL, and DÜRWALD, 1
HICKMAN, D. D. See DESHPANDE, HICKMAN, and VON KORFF, 77
HICKS, R. MARIAN. See HOLT and HICKS, 31, 47
HOLT, S. J., and HICKS, R. MARIAN. The localization of acid phosphatase in rat liver cells as revealed by combined cytochemical staining and electron microscopy, 47
— and —. Studies on formalin fixation for electron microscopy and cytochemical staining purposes, 31
HOLTZER, HOWARD. See TUNIK and HOLTZER, 67
—. See PEPE, FINCK, and HOLTZER, 533

HOTTA, YASUO, and STERN, HERBERT. Transient phosphorylation of deoxyribosides and regulation of deoxyribonucleic acid synthesis, 311
HUXLEY, H. E., and ZUBAY, G. Preferential staining of nucleic acid-containing structures for electron microscopy, 273

I

ITO, SUSUMU. The endoplasmic reticulum of gastric parietal cells, 333

K

KARNOVSKY, MORRIS J. Simple methods for "staining with lead" at high pH in electron microscopy, 729
KLEIN, SHIMON, and POLJAKOFF-MAYBER, A. Fine structure and pigment conversion in isolated etiolated proplastids, 433
KNAPPEIS, G. G. See CARLSEN, KNAPPEIS, and BUCHTHAL, 95
KOIKE, MASAATSU. See TAKEYA, KOIKE, MORI, and TODA, 441
KURTZ, STANLEY M. See FELDMAN, VAZQUEZ, and KURTZ, 365

L

LAMY, FRANÇOIS. See LANSING and LAMY, 498
LANSING, ALBERT I., and LAMY, FRANÇOIS. Localization of ATPase in rotifer cilia, 498
LASANSKY, ARNALDO. Morphological bases for a nursing role of glia in the toad retina. Electron microscope observations, 237
LATTA, HARRISON, MAUNSBACH, ARVID B., and MADDEN, SIDNEY C. Cilia in different segments of the rat nephron, 248

M

MADDEN, SIDNEY C. See LATTA, MAUNSBACH, and MADDEN, 248
MAJNO, G., and PALADE, G. E. Studies on inflammation. I. The effect of histamine and serotonin on vascular permeability: an electron microscopic study, [742] 571
—, —, and SCHOEFL, GUTTA I. —. II. The site of action of histamine and serotonin along the vascular tree: a topographic study, 607
MATHEWSON, ROBERT. See WACHTEL, MATHEWSON, and GRUNDFEST, 663
MAUNSBACH, ARVID B. See LATTA, MAUNSBACH, and MADDEN 248
MENDELSOHN, MORTIMER L. The two-wavelength method of microspectrophotometry. IV. A new solution, [743] 509
MERRIAM, R. W. On the fine structure and composition of the nuclear envelope, 559
MILLONIG, GUISEPPE. A modified procedure for lead staining of thin sections, [743] 736
MONRO, R. E. Serological studies on the formation of protein parasporal inclusions in *Bacillus thuringiensis*, 321
MORI, RYOICHI. See TAKEYA, KOIKE, MORI, and TODA, 441
MUNGER, BRYCE L. Staining methods applicable to sections of osmium-fixed tissue for light microscopy, [507] 502
—. The ultrastructure and histophysiology of human eccrine sweat glands, 385
—, and BRUSILOW, SAUL W. An electron microscopic study of eccrine sweat glands of the cat foot and toe pads—evidence for ductal reabsorption in the human, 403

N

NÙÑEZ-MONTIEL, O., WEIBEL, J., and VITELLI-FLORES, J. Electron microscopic study of the cytopathology of ECHO virus infection in cultivated cells, 457

P

PAINTER, ROBERT B. Asynchronous replication of HeLa S3 chromosomal deoxyribonucleic acid, [508] 485
PALADE, G. E. See MAJNO and PALADE, 571
—. See MAJNO, PALADE, and SCHOEFL, 607
PARSONS, D. F. A simple method for obtaining increased contrast in Araldite sections by using post-fixation staining of tissues with potassium permanganate, 492
PEPE, FRANK A. The use of specific antibody in electron microscopy. I. Preparation of mercury-labeled antibody, [743] 515
—, and FINCK, H. The use of specific antibody in electron microscopy. II. The visualization of mercury-labeled antibody in the electron microscope, 521
—, —, and HOLTZER, H. The use of specific antibody in electron microscopy. III. Localization of antigens by the use of unmodified antibody, 533
—. See PETERSON and PEPE, 157
PERRY, R. P., ERRERA, M., HELL, A., and DÜRWALD, H. Kinetics of nucleoside incorporation into nuclear and cytoplasmic RNA, [254] 1
PETERS, A. A radial component of central myelin sheaths, 733
PETERSON, R. PRICE, and PEPE, FRANK A. The fine structure of inhibitory synapses in the crayfish, [254] 157
POLJAKOFF-MAYBER, A. See KLEIN and POLJAKOFF-MAYBER, 433

R

ROBBINS, ELLIOTT. Some theoretical aspects of osmium tetroxide fixation with special reference to the metaphase chromosomes of cell cultures, [508] 449
ROSS, RUSSELL, and BENDITT, EARL P. Wound healing and collagen formation. I. Sequential changes in components of guinea pig skin wounds observed in the electron microscope, [743] 677

S

SCHOEFL, GUTTA I. See MAJNO, PALADE, and SCHOEFL, 607
SCHOR, NORBERTO. See EDSTRÖM, GRAMPP, and SCHOR, 549
SEDAR, A. W., and FRIEDMAN, M. H. F. Correlation of the fine structure of the gastric parietal cell (dog) with functional activity of the stomach, 349
SHELDON, H. See FREI and SHELDON, 719, 724
SMITH, DAVID S. The organization of the flight muscle in a dragonfly, *Aeshna* sp. (Odonata), 119
SPIRO, DAVID. See DUDLEY and SPIRO, 627
STERN, HERBERT. See HOTTA and STERN, 311
STOECKENIUS, WALTHER. Electron microscopy of DNA molecules "stained" with heavy metal salts, 297

T

TAKEYA, KENJI, KOIKE, MASAATSU, MORI, RYOICHI, and TODA, TADAO. Light and electron microscope studies of mycobacterium-mycobacteriophage interactions. III. Furthur studies on the ultrathin sections, 441
TATUM, E. L. See TSUDA and TATUM, 171
THOMAS, RICHARD S., and WILLIAMS, ROBLEY C. Localization of DNA and protein in Tipula Iridescent Virus (TIV) by enzymatic digestion and electron microscopy, [254] 15
TODA, TADAO. See TAKEYA, KOIKE, MORI, and TODA, 441
TSUDA, SEIZO, and TATUM, E. L. Intracellular crystalline ergosterol in *Neurospora*, [255] 171
TUNIK, BERNARD, and HOLTZER, HOWARD. The distribution of muscle antigens in contracted myofibrils determined by fluorescein-labeled antibodies, [255] 67

V

VAZQUEZ, JACINTO J. See FELDMAN, VAZQUEZ, and KURTZ, 365
VITELLI-FLORES, J. See NÙÑEZ-MONTIEL, WEIBEL, and VITELLI-FLORES, 457
VON KORFF, R. W. See DESHPANDE, HICKMAN, and VON KORFF, 77

W

WACHTEL, ALLEN, MATHEWSON, ROBERT, and GRUNDFEST, HARRY. Electron microscopic and histochemical comparison of the two types of electroplaques of *Narcine brasiliensis*, 663
WATSON, MICHAEL L., and ALDRIDGE, WILLIAM G. Methods for the use of indium as an electron stain for nucleic acids, 257
WEIBEL, J. See NÙÑEZ-MONTIEL, WEIBEL, and VITELLI-FLORES, 457
WILLIAMS, ROBLEY C. See THOMAS and WILLIAMS, 15

Z

ZUBAY, G. See HUXLEY and ZUBAY, 273

A

Acid phosphatase, in rat liver cells, localized by combined cytochemical staining and EM, 47
Alkaline phosphatase, of rat kidney, historadiographic identification of, 488
Antibodies (rabbit), fluorescein-labeled, determination of muscle antigens in contracted myofibrils (chick), 67
Antibody, specific, in chicken, use of in EM, preparation and visualization of mercury-labeled antibody, localization of antigens with unmodified antibody, 515, 521, 533
Antigens, muscle, distribution of in contracted myofibrils (chick), determined by fluorescein-labeled antibodies (rabbit), 67
—, of chicken, localization of by use of unmodified antibody, EM study, 533
Araldite sections, postfixation staining of with potassium permanganate, method for obtaining increased contrast in, 492
ATPase, in rotifer cilia, localization of, EM study, 498

B

Bacteria, *Bacillus thuringiensis*, serological studies on the formation of protein parasporal inclusions in, 321
—, mycobacterium-mycobacteriophage interactions, light microscopic and EM studies, ultrathin sections, 441
—, *Rhodomicrobium vannielii*, photosynthetic, fine structure of, 469
Bean plant, fine structure and pigment conversion in isolated etiolated proplastids of, 433
Blastomeres, of sea urchin, mitosis in, EM study, 419
Bone cells, of human and chick, fine structure of, 627

C

Cat, eccrine sweat glands of foot and toe pads, EM study, 403
Centrioles and centrosome, of leucemic cells from human myeloblastic leucemia, histochemistry of, 717
—, in artificially activated sea urchin eggs, EM study, 244
Chick, and human, fine structure of bone cells of, 627
—, embryonic osteoclast, motion picture and EM studies of, 651
Chicken, egg, unincubated, structure of yolk of, EM study, 207
—, use of specific antibody (mercury-labeled) in EM, 515, 521, 533
Chromosomal DNA, asynchronous replication of, in HeLa S3 cells, autoradiographic study, 485
Chromosomes, metaphase, of cell cultures (HeLa), theoretical aspects of OsO_4 fixation, phase contrast microscopy, 449
Cilia, in different segments of rat nephron, EM study, 248
—, in gill of lamellibranch mollusc, relationship between fine structure and direction of beat of, 179
—, of rotifer, localization of ATPase in, EM study, 498
Collagen formation, and wound healing, in skin of guinea pig, sequential changes in components, EM study, 677
Crayfish, inhibitory synapses in stretch receptor of abdominal muscles, fine structure, 157

D

Deoxyribosides, transient phosphorylation of, and regulation of DNA synthesis, in lily and trillium microspores, 311
Diphosphopyridine nucleotide, reduced, extramitochondrial, oxidation of, and morphology of mitochondria isolated from heart muscle, of rabbit, 77
DNA and protein, in Tipula Iridescent Virus (TIV), localization by enzymatic digestion and EM, 15
—, chromosomal, of HeLa S3 cells, asynchronous replication of, autoradiographic study, 485
— molecules "stained" with heavy metal salts, EM study, 297
— synthesis, regulation of, and transient phosphorylation of deoxyribosides, in lily and trillium microspores, 311
Dog, gastric parietal cell, correlation of fine structure of with functional activity of stomach, 349
Dragonfly, *Aeshna* sp. (Odonata), organization of flight muscle, studied by light microscopy and EM, 119

E

Egg, unincubated, of hen, structure of yolk of, EM study, 207
Eggs, of sea urchin, artificially activated, presence of centrioles in, EM study, 244
Electron microscopy, methods for use of indium as electron stain for nucleic acids, 257
— microscopy, of DNA molecules "stained" with heavy metal salts, 297
— microscopy, preferential staining of nucleic acid–containing structures for, 273
— microscopy, simple methods for "staining with lead" at high pH in, 729

Electroplaques, of electric fish *Narcine brasiliensis*, EM and histochemical comparison of two types of, 663
Embryonic osteoclast, avian, motion picture and EM studies of, 651
Endoplasmic reticulum, of gastric parietal cells, EM survey, 333
Epidermis, hyperplastic, of mouse, dense body (corpus intra cristam) within mitochondria of cells of, EM study, 719, 724
Epithelia, keratinizing, of mouse, small granular component of, EM study, 719
Ergosterol, crystalline, intracellular, in *Neurospora*, 171
Eye, toad retina, morphological bases for nursing role of glia in, EM study, 237

F

Fish, torpedine *Narcine brasiliensis*, EM and histochemical comparison of two types of electroplaques of, 663
Fixation, formalin, of rat liver, for EM and cytochemical staining purposes, 31
—, OsO_4, of cell cultures (HeLa), with special reference to metaphase chromosomes, phase contrast microscopy, 449
Frog oocytes, fine structure and composition of nuclear envelope, 559
—, striated muscle fiber, resting and contracted, ultrastructure at different degrees of stretch, 95
Fungus, *Neurospora crassa*, intracellular crystalline ergosterol in, 171

G

Giant cell, nematode-induced, in tomato plant, ultrastructure and histochemistry of, 701
Gill cilia, of lamellibranch mollusc, relationship between fine structure and direction of beat of, 179
Glia, of toad retina, morphological bases for nursing role of, EM study, 237
Guinea pig, skin, wound healing and collagen formation, sequential changes in components, EM study, 677

H

HeLa cells, and conjunctiva cells, kinetics of nucleoside incorporation into nuclear and cytoplasmic RNA of, autoradiographic study, 1
— cells, theoretical aspects of OsO_4 fixation, with special reference to metaphase chromosomes, phase contrast microscopy, 449
— S3 cells, asynchronous replication of chromosomal DNA, autoradiographic study, 485
Historadiographic identification of alkaline phosphatase, in rat kidney, 488
Human, and chick, fine structure of bone cells of, 627
—, eccrine sweat glands, ultrastructure and histophysiology of, 385
—, leucemic cells from myeloblastic leucemia, histochemistry of centrioles and centrosome of, 717

I

Indium, methods for use of as electron stain for nucleic acids, 257
Infection, virus ECHO, in cultivated monkey kidney cells, cytopathology of, EM study, 457
Inflammation, effect of histamine and serotonin on vascular permeability, site of action along vascular tree, in rats, EM and topographic studies, 571, 607

K

Kidney, of rat, cilia in different segments of nephron, EM study, 248

L

Lamellae in spindle of mitotic cells of Walker 256 carcinoma, EM study, 227
Lead staining, modified procedure for, in EM, 736
Leucemic cells, from human myeloblastic leucemia, histochemistry of centrioles and centrosome of, 717
Light microscopy, staining methods applicable to osmium-fixed tissue for, 502
Lily and trillium, microspores, transient phosphorylation of deoxyribosides and regulation of DNA synthesis, 311
Liver cells, of rat, formalin fixation for EM and cytochemical staining purposes, 31
— cells, of rat, localization of acid phosphatase by combined cytochemical staining and EM, 47

M

Metal (heavy) salts, electron microscopy of DNA molecules "stained" with, 297
Microspectrophotometry, two-wavelength method of, new solution, 509
Mite, tarsonemid, sarcomere size in developing muscles of, studied by polarization microscopy, 117
Mitochondria, isolated from heart muscle, of rabbit, morphology of, and oxidation of extramitochondrial reduced diphosphopyridine nucleotide, 77
Mitosis, in sea urchin blastomeres, EM study, 419
Mitotic cells, of Walker 256 carcinoma, lamellae in spindle of, EM study, 227
Mollusc, lamellibranch, relationship between fine structure and direction of beat in gill cilia of, 179
Mouse, hyperplastic epidermis, dense body (corpus intra cristam) within mitochondria of cells of, EM study, 719, 724
—, keratinizing epithelia, small granular component of, EM study, 719
Muscle antigens, in contracted myofibrils (chick), distribution determined by fluorescein-labeled antibodies (rabbit), 67
— fiber, striated, resting and contracted, of frog, ultrastructure at different degrees of stretch, 95

Muscle, flight, in dragonfly *Aeshna* sp. (Odonata), organization of, studied by light microscopy and EM, 119
Muscles, developing, in tarsonemid mite, sarcomere size studied by polarization microscopy, 117
Mycobacterium-mycobacteriophage interactions, light microscopic and EM studies, ultrathin sections, 441
Myelin sheaths, central, radial component of, EM study, 733

N

Nematode-induced giant cell, in tomato plant, ultrastructure and histochemistry of, 701
Nephron, of rat, cilia in different segments of, EM study, 248
Nerve, inhibitory synapses in stretch receptor in abdominal muscles of crayfish, fine structure, 157
Nuclear envelope, of frog oocytes, fine structure and composition of, 559
Nucleic acid–containing structures, preferential staining of, for EM, 273
— acids, methods for use of indium as electron stain for, 257
Nucleoside incorporation into nuclear and cytoplasmic RNA, of HeLa and conjunctiva tissue culture cells, kinetics of, autoradiographic study, 1

O

Oocytes, of starfish, intracellular distribution and heterogeneity of RNA in, 549
Osteoclast, embryonic avian, motion picture and EM studies of, 651
Oxidation of extramitochondrial reduced diphosphopyridine nucleotide, and morphology of mitochondria isolated from heart muscle, of rabbit, 77

P

Parasporal inclusions, protein, formation of, in *Bacillus thuringiensis*, serological studies, 321
Parietal cell, gastric, of dog, correlation of fine structure of with functional activity of stomach, 349
— cells, gastric, endoplasmic reticulum of, EM survey, 333
Photosynthetic bacteria, *Rhodomicrobium vannielii*, fine structure of, 469
Pigment conversion and fine structure in isolated etiolated proplastids of bean plant, 433
Proplastids, etiolated, isolated, of bean plant, fine structure and pigment conversion in, 433
Protein and DNA, in Tipula Iridescent Virus (TIV), localization by enzymatic digestion and EM, 15
— parasporal inclusions, formation of, in *Bacillus thuringiensis*, serological studies, 321

R

Rabbit, heart muscle, morphology of isolated mitochondria and oxidation of extramitochondrial reduced diphosphopyridine nucleotide, 77
Radioactive labels, cytidine-H^3 and adenosine-H^3, incorporation into nuclear and cytoplasmic RNA of HeLa and conjunctive tissue culture cells, 1
— labels, I^{131}, accumulation in fetal thyroid, of rat, maturation of gland, 365
— labels, thymidine-C^{14}, for measuring phosphorylating activity of deoxyribosides, in lily and trillium microspores, 311
— labels, thymidine-H^3, in autoradiographic study of asynchronous replication of chromosomal DNA in HeLa S3 cells, 485
Rat, fetal thyroid, maturation of, studied with I^{131}, fluorescence microscopy and EM, 365
—, kidney, historadiographic identification of alkaline phosphatase in, 488
—, liver, formalin fixation for EM and cytochemical staining purposes, 31
—, liver, localization of acid phosphatase by combined cytochemical staining and EM, 47
—, nephron, cilia in different segments of, EM study, 248
Rats, inflammation in, effect of histamine and serotonin on vascular permeability, site of action along vascular tree, EM and topographic studies, 571, 607
Retina, of toad, morphological bases for nursing role of glia in, EM study, 237
RNA, in starfish oocytes, intracellular distribution and heterogeneity of, 549
—, nuclear and cytoplasmic, of HeLa and conjunctiva tissue culture cells, kinetics of nucleoside incorporation into, autoradiographic study, 1
Rotifer, cilia, localization of ATPase in, EM study, 498

S

Sarcomere size, in developing muscles of tarsonemid mite, studied by polarization microscopy, 117
Sea urchin, blastomeres, mitosis in, EM study, 419
— eggs, artificially activated, presence of centrioles in, EM study, 244
Serological studies on the formation of protein parasporal inclusions in *Bacillus thuringiensis*, 321
Sheaths, myelin, central, radial component of, EM study, 733
Skin, hyperplastic epidermis, of mouse, dense body (corpus intra cristam) within mitochondria of cells of, EM study, 724
— wounds, of guinea pig, healing and collagen formation, sequential changes in components, EM study, 677
Stain, electron, for nucleic acids, methods for use of indium, 257
Staining, cytochemical, and EM, of rat liver cells, for localization of acid phosphatase, 47
—, cytochemical, and EM, of rat liver, formalin fixation for, 31
—, lead, modified procedure for, in EM, 736

Staining methods applicable to sections of osmium-fixed tissue for light microscopy, 502
—, of DNA molecules, use of heavy metal salts, EM study, 297
—, of nucleic acid–containing structures, for EM, 273
—, postfixation, with potassium permanganate, method for obtaining increased contrast in Araldite sections, 492
— with lead, at high pH, in EM, simple methods for, 729
Starfish, oocytes, intracellular distribution and heterogeneity of RNA in, 549
Stomach, gastric parietal cells, endoplasmic reticulum of, EM survey, 333
— of dog, correlation of functional activity of with fine structure of gastric parietal cell, 349
Synapses, inhibitory, in stretch receptor of abdominal muscles of crayfish, fine structure, 157
Sweat glands, eccrine, of cat foot and toe pads, EM study, 403
— glands, eccrine, of human, ultrastructure and histophysiology of, 385

T

Thyroid, fetal, of rat, maturation of, studied with I^{131}, fluorescence microscopy and EM, 365
Toad retina, morphological bases for nursing role of glia in, EM study, 237
Tomato plant, nematode-induced giant cell in, ultrastructure and histochemistry, 701
Tumor, Walker 256 carcinoma, lamellae in spindle of mitotic cells of, EM study, 227

U

Ultrathin sections, in studies on mycobacterium-mycobacteriophage interactions, light microscopic and EM studies, 441

V

Vascular permeability, effect of histamine and serotonin on, site of action along vascular tree, in rats, EM and topographic studies, 571, 607
Virus, ECHO infection, in cultivated monkey kidney cells, cytopathology of, EM study, 457
—, Tipula Iridescent (TIV), localization of DNA and protein by enzymatic digestion and EM, 15

Y

Yolk, of hen's egg, unincubated, structure of, EM study, 207